



Healthy Climate®

Indoor Air Quality Systems



Heat- and Energy-Recovery Ventilators

Whole-home ventilation systems designed to improve indoor air quality and comfort





Healthy Climate® Heat- and Energy-Recovery Ventilators

Replace stale, contaminated indoor air with fresher, cleaner outside air

Use air from the outside to maintain comfort and air quality throughout your home

Ideal for new homes, which are tightly sealed to conserve energy

Work with your central heating and cooling system to enhance the air throughout your home

According to the U.S. Environmental Protection Agency (EPA), the air inside the average home is up to five times more polluted than the air outside.**

The solution is a Healthy Climate® heat- or energy-recovery ventilator (HRV/ERV), which improves indoor air quality by improving the flow of air. A Healthy Climate heat- or energy-recovery ventilator (HRV/ERV) improves air quality by improving the flow of air. Using advanced dual-chamber technology, these systems exchange stale air from inside your home with fresher outdoor air.

FRESH AIR FOR A CLEANER, MORE COMFORTABLE HOME

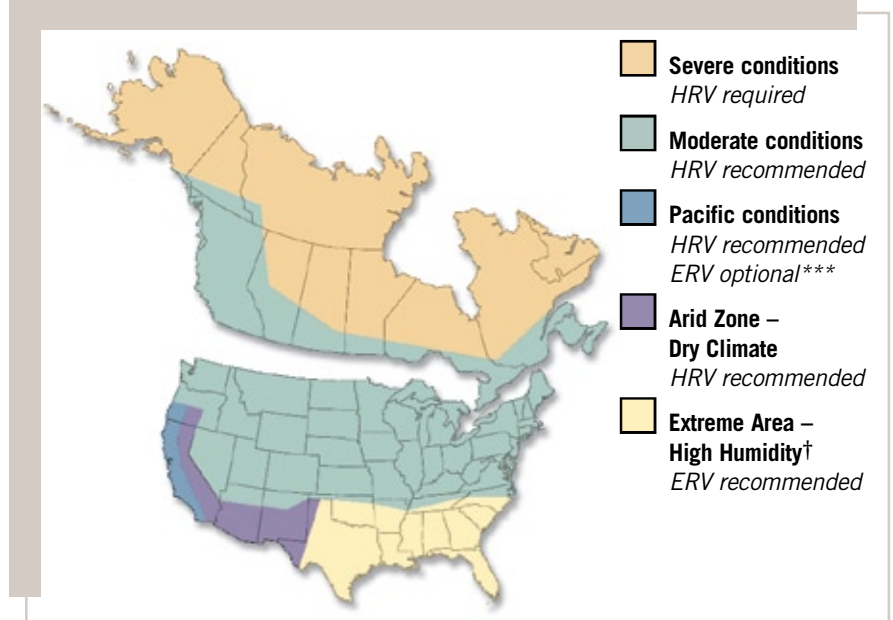
A Healthy Climate HRV or ERV system lets you enjoy the fresh-air feel of an open window, with virtually little or no heat or energy loss. That's because these systems work continually to provide the best possible balance of indoor and outdoor air. They draw just the right amount of air from outside, recovering heat and energy from inside, to ensure that every corner of your home is comfortable.

**Source: www.epa.gov/iaq, June 27, 2001

WARRANTY*

5-year limited warranty on heat- and energy-recovering components.

A VENTILATOR FOR EVERY HOME



*Applies to residential applications only. See actual warranty certificate for details.

***ERV not recommended where temperatures fall below 25°F (-4°C) for more than five days.
†ERVs are recommended in regions where high outdoor humidity is cause for operating air conditioning/dehumidification more frequently than heating system.

A SIMPLE, ECONOMICAL WAY TO CLEAR THE AIR

To ensure proper air quality, the average home should have at least .35 ACH (air changes per hour). Many newer, high-efficiency homes have an ACH rating as low as .05, which can lead to an unhealthy buildup of moisture and pollutants. A Healthy Climate® HRV or ERV provides a simple and economical way to freshen the air.



Heat Recovery Ventilator – HRV

- ◆ Designed for colder climates
- ◆ Retains heat and moisture from indoor air before it's discharged
- ◆ Controls wintertime condensation that can damage windows, insulation and furniture

Energy Recovery Ventilator – ERV

- ◆ Designed for warmer, humid climates
- ◆ Reduces the humidity in the fresh air supplied to the home

| Feature | How It Works |
|--|---|
| Aluminum Heat-Exchange Core | Allows efficient heat exchange between incoming and outgoing airstreams. HRV Core – Recovers up to 78% of heat from indoor air. ERV Core – Operates in three speeds to improve airflow and air quality, while reducing humidity levels. |
| Self-Locking Damper | Provides optimal performance and easy balancing. |
| Built-In Dehumidistat Control†† | Helps prevent high humidity, which can encourage allergy-aggravating mold and mildew growth. |
| Low Airflow Resistance | Provides filtration without restriction of airflow. |
| High-Tech Defrost†† | Protects the unit in high-frost conditions. |
| Advanced Circuit Board | Ensures reliable performance. |
| Insulated and Sealed Cabinet | Reduces condensation, noise and air loss. |
| Maintenance-Free, Sealed Bearing Motors | Ensure quiet, efficient operation. |
| Easy-Cleaning Filters | Allow fast, simple maintenance. |
| Optional Remote Dehumidistat and Timers†† | Automatically switches the unit to a higher speed when humidity exceeds your preferred setting. Remote timers boost airflow on demand. |

††HRV models only

| Healthy Climate® HRV/ERV Specifications | | | | | |
|---|-----------------------------|----------------------|----------------------|----------------------|----------------------|
| HRV/ERV | | HRV-150 | HRV-200 | ERV-150 | ERV-200 |
| Dimensions | HxWxL (in.) | 19 x 33-5/8 x 14-3/4 | 19 x 33-5/8 x 14-3/4 | 19 x 33-5/8 x 14-3/4 | 19 x 33-5/8 x 14-3/4 |
| | HxWxL (mm) | 483 x 854 x 375 | 483 x 854 x 375 | 483 x 854 x 375 | 483 x 854 x 375 |
| Accessories | 20-minute push button timer | 89N18 | 89N18 | 89N18 | 89N18 |
| | Wall-mounted dehumidistat | 27N53 | 27N53 | 27N53 | 27N53 |

Note: Due to ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.





HEALTHY CLIMATE® SOLUTIONS

Whatever problem you're having with your home's air, you'll find the perfect Healthy Climate® solution. When it comes to contaminants like particles and chemicals, there's no better defense than the PureAir™ air purification system. You also have a choice of filtration systems and germicidal lamps, plus products that help balance moisture levels and improve airflow. With so many innovative options for enhancing and customizing the air inside your home, the Healthy Climate collection helps make your home a better place to breathe.



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Visit us at www.lennox.com, or contact us at 1-800-9-LENNOX.

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